

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/540,293-Conf. #8281
				Filing Date	July 20, 2005
				First Named Inventor	Michael Ludensky
				Art Unit	1724
				Examiner Name	P. A. Hruskoci
Sheet	1	of	1	Attorney Docket Number	05408/100J111-US2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
PAA	AA*	US-4,235,599	11-25-1980	Davis et al.	1
	AB*	US-4,382,799	05-10-1983	Davis et al.	
	AC*	US-4,561,981	12-31-1985	Characklis	
	AD*	US-4,654,424	03-31-1987	Girard et al.	
	AE*	US-5,071,765	12-10-1991	Wiatr	
	AF*	US-5,565,576	10-15-1996	Hall et al.	
	AG*	US-5,750,061	05-12-1998	Farina et al.	
	AH*	US-4,976,874	12-11-1990	Gannon et al.	
	AI*	US-4,560,766	12-24-1985	Girard et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
PAA	BA	JP-5631492	03-30-1981	Nitto Kagaku Kogyo K.K.	1	✓
	BB	JP-8176996 (Abstract; Claims)	07-09-1996	Hakuto K.K. et al.	1	✓

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PAA	CA	Chemical Abstracts, Vol. 95, No. 4 (1981), Abstract No. 30168q;	
	CB	Chemical Abstracts, Vol. 80, No. 20 (1973), Abstract No. 112498b.	
	CC	Label for Lonza, Inc.'s DANTOBROM, EPA Reg. No. 6836-117, Approved on 1/18/85; 10/10/01; and 8/12/03, 12 pgs.	
	CD	Label for Lonza, Inc.'s DANTOBROM, EPA Reg. No. 6836-115, Approved on 6/14/91; 1/21/92; 9/30/92; 10/30/96; 11/17/98; 11/2/99; 11/7/00; 3/12/01; 10/10/01; 10/3/02; 10/28/02; 8/12/03; 9/4/03; 10/23/03; 3/22/05; 11/16/05; and 2/28/07, 68pgs.	
	CE	Petterson, R. C. and Crzeskowiak, V., "N-Halogen Compounds. I. Decomposition of 1,3-Dichloro-5,5-dimethylhydantoin in Water at pH 9." J. Org. Chem., 24, 1414 (1959), 6 pgs.	
	CF	Corral, R. A. and Orazi, O. O., "Substitution in the Hydantoin Ring. III. Halogenation," J. Org. Chem., 28, 1100 (1963), 5 pgs.	
	CG	Ludyanskiy, M. and Colby, S. J., "A Laboratory Method for Evaluating Biocidal Efficacy on Biofilms," Cooling Tower Institute, Paper TP96-07 (1996), 8 pgs.	
	CH	Griebe, T. et al., "Analysis of Biofilm Disinfection By Monochloramine and Free Chlorine," Biofouling and Biocorrosion In Industrial Water Systems (edited by G. Geesey et al.), pp. 151-161, Lewis Publishers (1994).	
	CI	Ludyanskiy, M. L. and Himpler, F. J., "The Effect of Halogenated Hydantoins on Biofilms," NACE, Paper 405 (1997), 11 pgs.	
	CJ	Elliot, A., "A Survey of Sludge Bulking and Its Control in the Canadian Pulp and Paper Industry," Pulp & Paper Canada, 103:10 (2002), pp. 43-47.	

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Examiner Signature	P.A. HRUSKOCI	Date Considered	11/7/07
{W:1054081100j111-us2180141203.DOC [REDACTED]}			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>Pat. 1</i>	AA*	US-6,303,038	10-16-2001	Sanders et al.	_____
<i>Pat. 2</i>	AB*	US-6,641,828	11-04-2003	Howarth et al.	_____

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		Country Code ² -Number ⁴ -Kind Code ³ (if known)	MM-DD-YYYY			

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PAH	CA	KUECHLER, T.C. et al., "Development of Monsanto's Towerbrom® Microbiocide, A New Bromine Microbiocide for Recirculating Water Systems," 1991 AWT Conference, December 7, 1991, (24 pages).	
	CB	JOLLES, Z.E. Ed., "Bromine and its Compounds," Academic Press, New York, 1996, pp. 703-709.	
	CC	SCHULTE, S. et al., "Efficacy of Biocides Against Biofilms," Chapter 5.1 in <i>Directory of Microbiocides for the Protection of Materials. A Handbook</i> . Ed. W. Paulus. Springer, (2004), pp. 93-120.	
	CD	LUDENSKY, M.L., "An automated system for biocide testing on biofilms," <i>Journal of Industrial Microbiology and Biotechnology</i> , (1998) 20: 109-115.	
PAH	CE	LUDENSKY, M.L., "Control and monitoring of biofilms in industrial applications," <i>International Biodeterioration and Biodegradation</i> , (2003), 51: 255-263.	

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	P.A. Hruskoci	Date Considered	10/30/07
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